

AMENDMENTS TO THE CLAIMS:

1. (Currently Amended) A rotary damper comprising having a valve mechanism, wherein the valve mechanism comprises
an operating chamber through which fluid can pass,
a valve chamber formed adjacently to the operating chamber,
a valve body which forwardly moves from a natural state position when the valve body receives fluid pressure and which can forwardly moves in the operating chamber to be housed in the valve chamber which is placed in the valve chamber in a natural state and, when receiving pressure of fluid flown into the valve chamber, moves forwardly to go into the operating chamber, and
a first spring capable of giving mounted in the operating chamber to give a resistance to the forward movement of the valve body moving forwardly in the operating chamber,
wherein the fluid, when moving from the valve chamber to the operating chamber, owing to entering of the valve body into the operating chamber, moves only through a flow path formed between an inner peripheral surface of a peripheral wall of the operating chamber and an outer peripheral surface of the valve body, and
wherein a flow rate of the fluid which passes passing through the operating chamber can be reduced by a flow path formed between a peripheral wall of the operating chamber and the valve body, the rotary damper further comprises a valve mechanism capable of increasing a reducing amount of the fluid as a moving distance of the valve body which forwardly moves in the operating chamber is increased becomes smaller according to a movement of the valve body forwardly from its natural state position in the operating chamber.
2. (Currently Amended) The rotary damper according to claim 1, wherein the valve mechanism can increase the reducing amount by increasing is so configured that a length of the flow path as the moving distance of the valve body which forwardly moves becomes larger according to a movement of the valve body forwardly from its natural state position in the operating chamber is increased.

3-4. (Canceled)

5. (Currently Amended) The rotary damper according to claim 1, wherein ~~if the valve body receives the fluid pressure, the valve body can retreat~~ is so configured as to be able to retreat from the its natural state position by receipt of the pressure of fluid flown in the operating chamber, and wherein the valve mechanism includes is further provided with a second spring ~~capable of returning~~ mounted in the valve chamber to return the valve body ~~which having retreated from the its natural state position~~ back to the its natural state position.

6. (Currently Amended) The rotary damper according to claim 1, wherein the valve mechanism is provided on a shaft around which a pushing member which pushes the fluid by rotational motion or a partitioning member is provided, the partitioning member ~~or a partitioning partitions~~ a space into which fluid is charged together with the pushing member.

7. (Currently Amended) The rotary damper according to claim 1, wherein the valve mechanism is provided on a pushing member which pushes the fluid by rotational motion or on a partitioning member which partitions a space into which fluid is charged together with the pushing member.

8. (Currently Amended) A product comprising a movable body and a rotary damper which controls motion of the movable body, wherein the rotary damper is that described in any one of the claims 1, 2 and 5 to 7.